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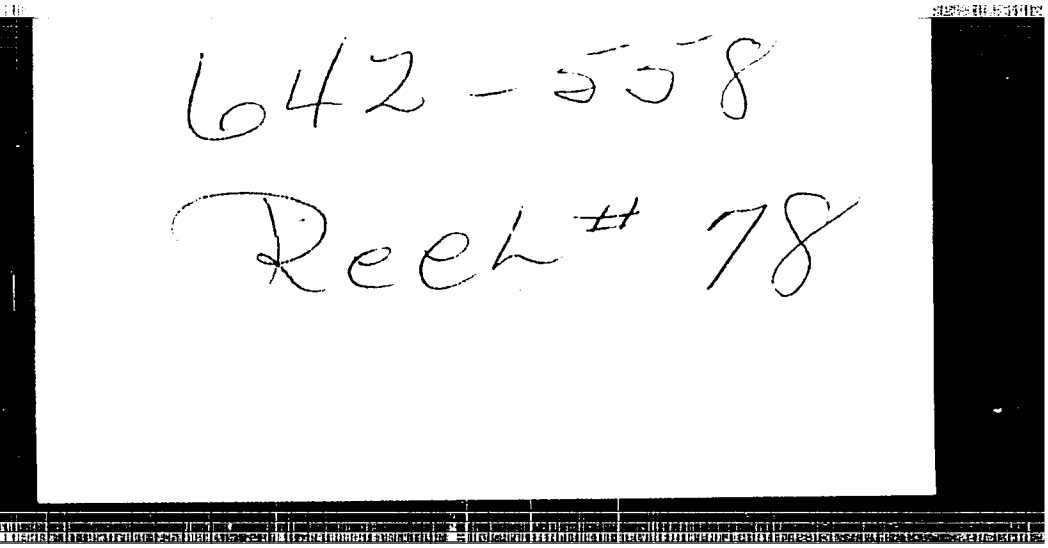

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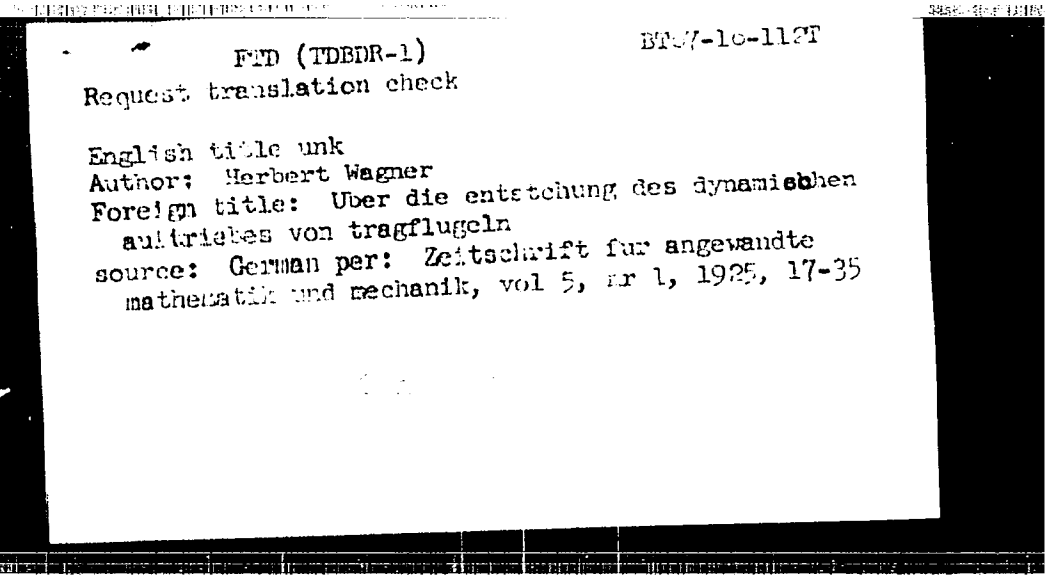

FTD (TDBDR-1) BT-7-1c-112T

Request translation check

English title unk
Author: Herbert Wagner
Foreign title: Uber die entstehung des dynamischen
auftriebes von tragflugeln
source: German per: Zeitschrift fur angewandte
mathematik und mechanik, vol 5, nr 1, 1925, 17-35

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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The Monoplane as a Lifting Vortex, by Hermann Blenk

GERMAN, per, Zeitschrift fur Angewandte Mathematik und Mechanik, Vol V, No 1, Feb 1925.

S.L.A., Tr Pool

14,333

Scientific - Aeronautics
CTS/DEX

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Rotating Disks in the Region of Permanent Deformation, by F. Laszlo

GERMAN, per, Zeitschrift fur Angewandte Mathematik und Mechanik, Ingenieurwissenschaftliche Forschungsarbeiten, Vol V, No 4, 1925.

S.L.A. Tr Pool

Scientific - Engineering
CTS/DEK

14,238

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

On the Theory of Plastic Et Deformations and the Residual Stresses Set up in the Material, by H. Hencky

GERMAN, Z. Angew, Math. Mech., 4, 323-334.

Associated Electrical Industries, LTD
Tr No T/445 OT/172

Scientific - Physics

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Prandtl, L.
A HYPOTHETICAL MODEL FOR THE KINETIC THEORY OF SOLID BODIES (Ein Gedankenmodell zur Kinetischen Theorie der Festen Korper). [1963] [15p]
Order from SLA $1.60 TT-64-10042

Trans. of Zeitschrift für Angewandte Mathematik und Mechanik (Germany) 1928, v. 8, Apr., p. 85-91.

DESCRIPTORS: *Kinetic theory, Solids, Models (Simulations), Hysteresis, Transport properties, Crystal lattices.

(Physics--Solid State, TT, v. 11, no. 4)

TT-64-10042

L. Prandtl, L.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Mechanics of Plastic Deformation of Crystals, by RXXKX R. von Mises, 57 PP.

GERMAN, per, Zeitschrift fuer Angewandte Mathematik und Mechanik, Vol VIII, 1928, PP 161-185, 9206088.

AEC/UCRL/Tr 872(L)

Sci - Phys

May 63

230,682

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Flexural Vibrations, Taking Account of the Beam Mass and the External and Internal Damping, by E. Holner.

GERMAN, per, Z Angew Math Mech, Vol VIII, 1928, pp 272-283.

RAE Farnsborough Tr 673

Sci - Physics
Mar 58

59,264

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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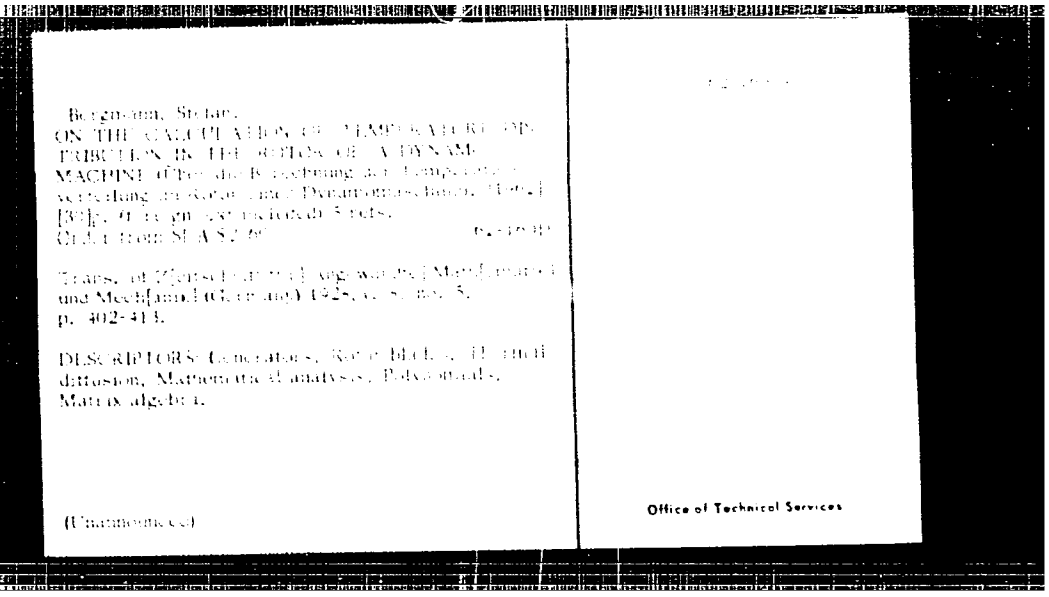

Bergmann, Stefan.
ON THE CALCULATION OF TEMPERATURE AND PRESSURE IN THE REGIONS OF VARYING MACHINE (Über die Berechnung der Temperatur und Druckverteilung in Gebieten mit variabler Dichte) [In] Ger. Trans. of Zeitschrift für angewandte Mathematik und Mechanik (Germany) 1925, v. 5, no. 5, p. 402-414.

DESCRIPTORS: Gas generators, Rarefied gases, Flow, Diffusion, Mathematical analysis, Polynomials, Matrix algebra.

(Unannounced)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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Geckeler, J. W.
PLASTIC YIELDING TO BUCKLING OR AXIAL COMPRESSION OF HOLLOW CYLINDER WALLS AND A NUMBER OF OTHER FOLDING SYMPTOMS AT SHELLS AND PLATES. [1962] 21p. (figs. omitted) 10 refs.
Order from SLA $2.60 63-10679

Trans. of Zeitschrift für Angewandte Mathematik und Mechanik (Germany) 1928, v. 8, no. 5, p. 341-352.

DESCRIPTORS: *Plasticity, Deformation, Compressive properties, *Cylindrical bodies, Structural shells, Sheets, *Elasticity, Mathematical analysis, Differential equations, Functions.

(Mechanics, TT, v. 10, no. 1)

63-10679

1. Title: Euler's formula
I. Geckeler, J. W.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Busemann, A.
GRAPHICAL DETERMINATION OF PLANE FLOW AT SUPERSONIC VELOCITY. [1963] 3p
Order from SLA $1.10 TT-63-18825

Trans. of Zeit[schrift] für Angew[andre] Math[ematik] und Mech[anik] (Germany) 1928, v. 8, no. 6, p. 423-424

DESCRIPTORS: *Supersonic flow, *Graphic analysis

(Mechanics--Aerodynamics, TT, v. 11, no. 5)

TT-63-18825

1. Busemann, A.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Torsion of Round Shafts With Variable Diameter,
by Rudolf Sonntag.
GERMAN, ;per, Z fuer Angewandte Mathematik
und Mechanik, Vol IX, No 1, 1929, pp 1-22.
9692810
DDC RSIC-179

Sci-Engr
July 64

263,155

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Calculating the Yield Point of Solid Solutions From the Plasticity Condition for Single Cryst Crystals, by A. Reuss, 14 pp.

GERMAN, per, Z Angew Math und Mech, Vol IX, 1929, pp 49-58.

AEC Tr-4649

165, 393

Sci - Math
Aug 61

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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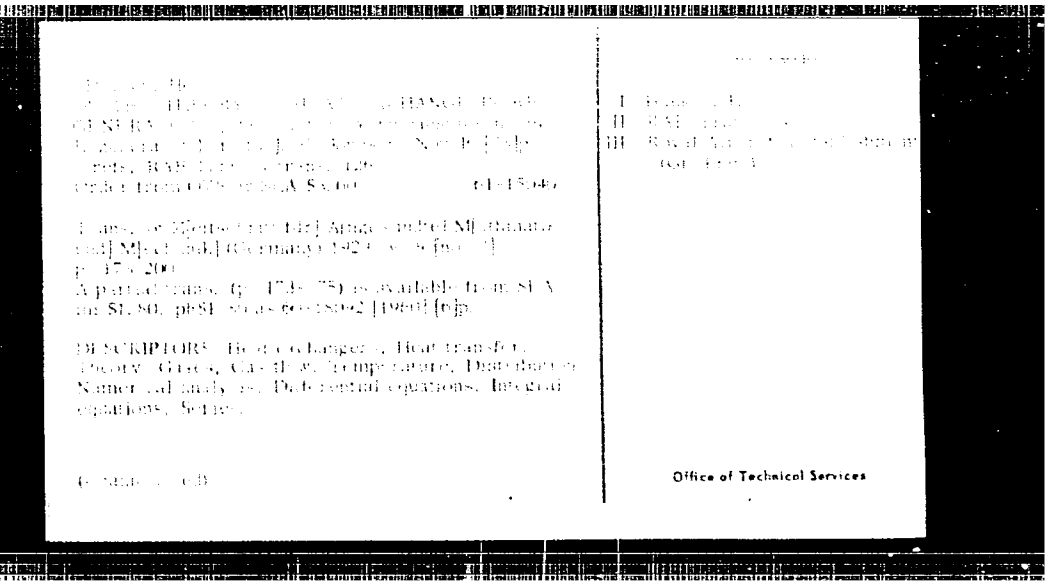

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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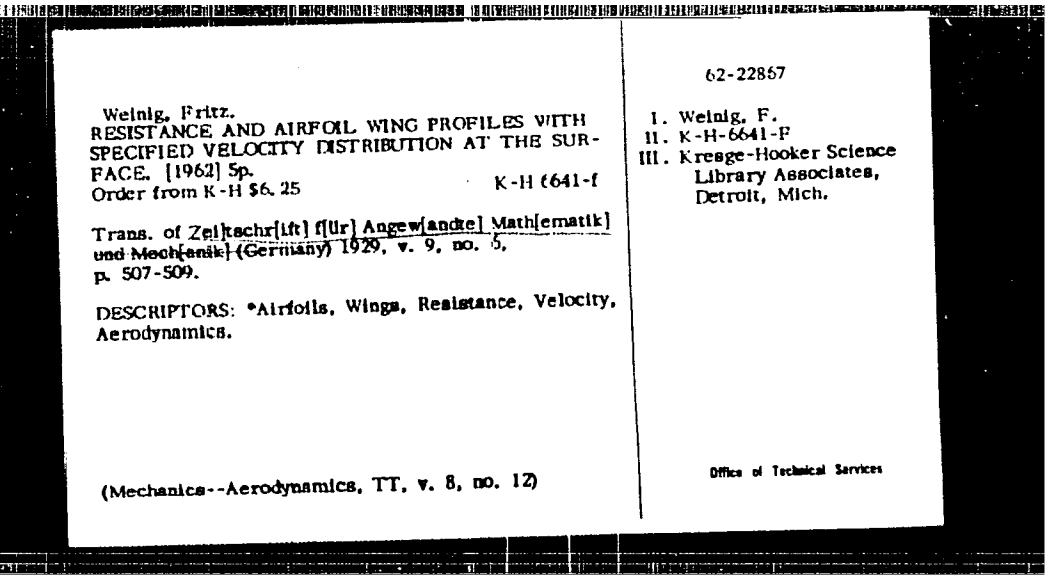

Weinig, Fritz.
RESISTANCE AND AIRFOIL WING PROFILES WITH SPECIFIED VELOCITY DISTRIBUTION AT THE SURFACE. [1962] 5p.
Order from K-H $6.25 K-H 6641-f

Trans. of Zeitschr[ift] f[ür] Angew[andte] Math[ematik] und Mech[anik] (Germany) 1929, v. 9, no. 5, p. 507-509.

DESCRIPTORS: *Airfoils, Wings, Resistance, Velocity, Aerodynamics.

(Mechanics--Aerodynamics, TT, v. 8, no. 12)

62-22867

I. Weinig, F.
II. K-H-6641-F
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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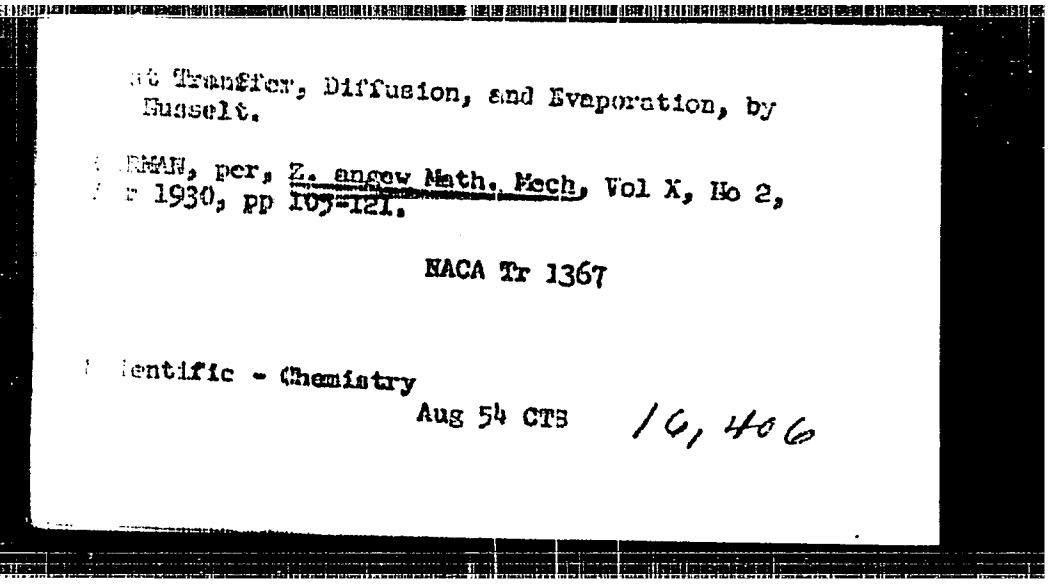

[illegible] Transfer, Diffusion, and Evaporation, by Russelt.

[illegible], per, Z. angew Math. Mech, Vol X, No 2, [illegible] 1930, pp 107-121.

NACA Tr 1367

[illegible]entific - Chemistry

Aug 54 CTS 16,406

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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Flexural Vibrations, Account Being Taken of the Ma... of the Beam as Well as of Internal and External Damping, by K. Muto.

GERMAN, per, Z Angew Math Mech, Vol X, 1930, pp 346-353.

RAE Farnsborough Tr 674

Sci - Physics
Mar 58

59,266

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Estimate of Error in the Difference Method for the Solution of Partial Differential Equations, by S. Gerschgorin.
GERMAN, per, Zeit fur Angewandte Mathematik und Mechanik, Vol X, 1930, pp 373-382. 9694656
DDC RSIC-222

Sci - Math
Oct 64

268,307

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

The "Prism-Derivator" and the "Differentio-Integraph," by E. von Harbou, 19 pp.

GERMAN, per,Z. Angew Math u Mech, Vol X, No 6, Dec 1930, pp 563-578.

SLA 57-3219

Sci

Aug 58

71,993

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Flow tests on steel tubes under combined tension and torsion, by Hohenemser, K. , 6 pp.

GERMAN, per, Z angew, Math u Mech, 11, no 1, February, 1931, p 15 19.

SLA 58-480

Sci

Aug 59

94,373

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Flow of Water Through Concentric and Eccentric Cylindrical Packing Glands With and Without Annular Grooves, by R Erich Schmockenberg, 37 pp.

GERMAN, per, Z fuerA Angewandte Mathematik und Mechanik, Vol XI(1), Feb 1931, pp 27-40. 9093870

AEC Tr-4905

Del Engr
Apr 62

189,934

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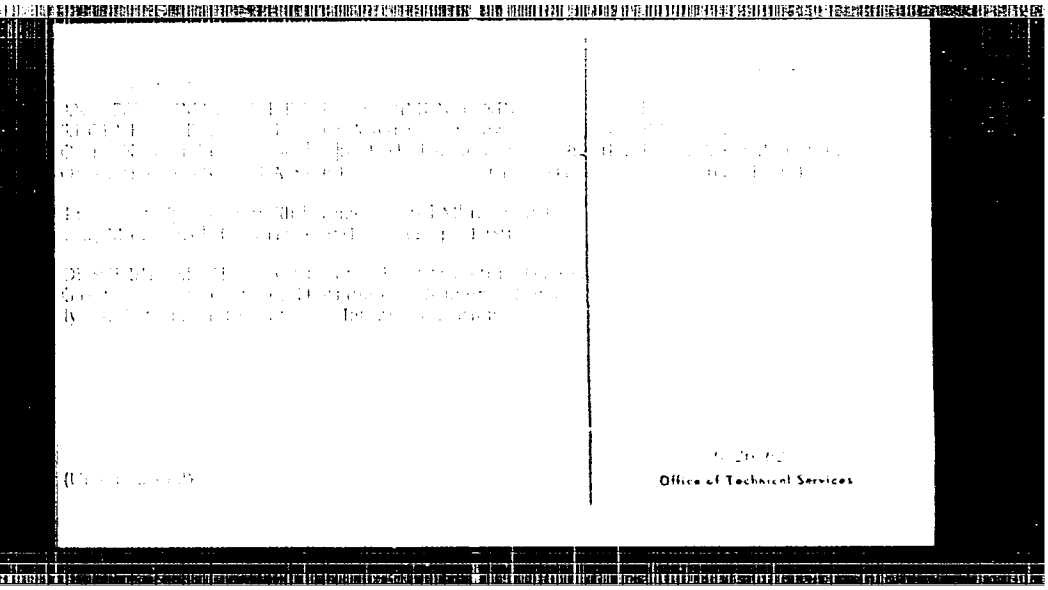

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Disintegration of a Fluid Jet, by Constantin Weber, 58 pp.

GERMAN, per, Z Angew Math u Mech, Vol XI, 1931, pp 136-154.

AEC Tr 3783

Sci - Engr

Oct 59

79,550

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

The Mechanics of the Plastic Deformation of Mild Steel, by K. Hohenemser, W. Prager, 17 p.

GERMAN, pur, Zeit Angew Math Mech, 1932, Vol XII, No 1, pp 1-14.

SLA 59-17712

Sci
Feb 60
Vol 2, No 10

108,913

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

The Effect of End-Thrust on the Flexural Vibration of a Beam With Internal Damping, by K. Sezawa.

GERMAN, per, Z Angew Math Mech, Vol XII, 1932, pp 275-279.

RAE Farnsborough Tr 676

Sci - Physics
Mar 58

59,269

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Contact of Curved Surfaces in the Presence of Plane Deformation, 8 pp. UNCLASSIFIED

GERMAN, per, Zeitschrift fuer angewandte Mathematik und Mechanik, Vol XIII, No 1, Feb 1933, pp 11-16.

Navy Tr 1087/ONI 1289

Scientific - Aeronautics Dec 54 CTS/DEX

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Two-Dimensional Deformation Of Curved Surfaces In Contact With Each Other, by C. Weber.
GERMAN, per, Z.angew.Math.Mech., Vol 19, No 1 1939, pp 11-17
CSIRO/No. 7757

Sci -
Sep 67

340.078

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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Bending of Joist Aggregates, by S. Timoshenko,
14 pp.

GERMAN, per, Z fuer Angewandte Matemat und
Mechanik, Vol XIII, 1933, pp 153-159.

AEC Tr 3545

Sci - Engr
Mar 59

82,884

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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The Theory of Stability of the Elastic Equilibrium, by E. Trefftz.
U. S. GOVERNMENT USE ONLY
GERMAN, per, Zeit fur Angewandte Mathematik und Mechanik, Vol XIII, No 2, 1933, pp 160-165. P200108366
NSIC-537

Sci-Materials
Jan 67 316,502

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Flow of Fluids in Curved Pipes, by M. Adler, 39 pp.

GERMAN, per, Z. angew Math u Mechan, Vol XIV, 1934, pp 257-276.

AEC Tr 2211

Scientific - Physics
CTS 73/Oct 1955

27,155

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

A New Representation of Wing Theory, by Theodore von Karman.
GERMAN, per, Zeitschrift fur Angewandte Mathematik und Mechanik, Band 15, Heft 1/2, Feb. 1935, pp 1-14.
*NSRDC T-340

Sci - Rkyx Aero
Oct 67

342,321

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

A New Representation of Wing Theory, by
Theodore von Karman.
GOVERNMENT USE ONLY
GERMAN, per, Zeitschrift fur angewandte Mathematik und Mechanik, Vol 15, No 1-2, Feb 1935,
pp 56-61.
Dept of Navy/ NSRDC T-340

Sel/Asro
May 68

356,815

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Plane and Spatial Flow of Viscous, Incompressible, Inertia-Free Fluids Between Eccentric, Mutually Rotating Cylinder Surfaces, by H. Reissner, 14 pp.

GERMAN, per, Z Fuer Angew Math und Mech, Vol XV, No 1-2, 1935, pp 81-87. 9090286

AEC Tr-4966

Sci - Engr
Apr 62

189,921

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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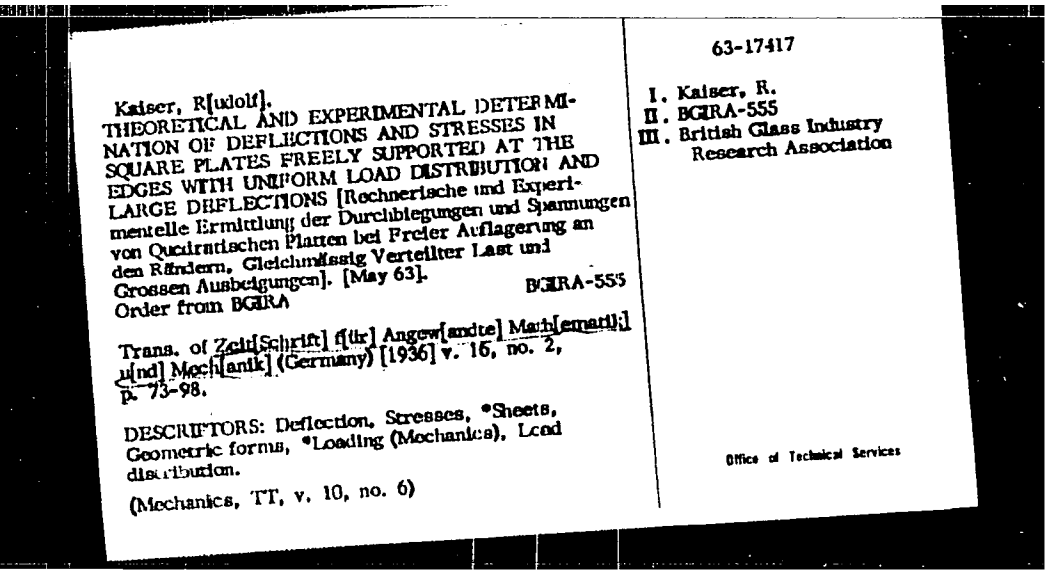

Kaiser, R[udolf].
THEORETICAL AND EXPERIMENTAL DETERMINATION OF DEFLECTIONS AND STRESSES IN SQUARE PLATES FREELY SUPPORTED AT THE EDGES WITH UNIFORM LOAD DISTRIBUTION AND LARGE DEFLECTIONS [Rechnerische und Experimentelle Ermittlung der Durchbiegungen und Spannungen von Quadratischen Platten bei Freier Auflagerung an den Rändern, Gleichmässig Verteilter Last und Grossen Ausbeigungen]. [May 63].
Order from BGIRA BGIRA-555

Trans. of Zeit[Schrift] f[ür] Angew[andte] Math[emati]k u[nd] Mech[anik] (Germany) [1936] v. 16, no. 2, p. 73-98.

DESCRIPTORS: Deflection, Stresses, *Sheets, Geometric forms, *Loading (Mechanics), Load distribution.

(Mechanics, TT, v. 10, no. 6)

63-17417

I. Kaiser, R.
II. BGIRA-555
III. British Glass Industry Research Association

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Plane and Spatial Flow of Viscous, Incompressible, Inertia-Free Fluids Between Eccentric, Mutually Rotating Cylinder Surfaces, by H. Reissner, 22 pp.

GERMAN, per. z. fuer Angew Math und Mech, Vol XVI, No 5, 1936, pp 275-287. 9068277

AEC Tr-4967

189,933

Sci - Engr
Apr 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

The Effect of High Viscosity on the Flow Around a Cylinder and Around a Sphere, by H. Homann, 29 pp.

Full translation.

GERMAN, por, Zeitschrift fuer Angewandte Mathematik und Mechanik, Vol XVI, No 3, Germany, Jun 1936, pp 153-164.

NACA TM 1334

Sci - Math, Aero, Engr

Aug 52 CTS DSX

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VON OHNESORGE, W. Drop formation at nozzles and decomposition of liquid jets.
Z.angew.Math.Mech. 16(6):355--8 (1936) (CRL/T. 3998x

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Turbulent Flow on Wavy Walls, by H. Motzfeld, GERMAN, per, Z. Angew. Math. Mech, Vol XVII, No 4, 1937, pp 193-212.
NASA TT F-10,895

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Sci-Phys
Jul 67

332,870

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On the Gas Dynamics of a Rotating Impeller, by A. Busemann, 16 pp.

GERMAN, per, Zeit. fuer Angew Mathematik und Mechanik, Vol XVIII, No 1, Feb 1938, pp 31-38.

SLA 2977

NACA TM 1385

34,103

Sci - Engineering

May 1956

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

On the Seepage of Water into the Ground From Canals, by Georg Hamel.

GERMAN, Zeitschrift fur Angewandt Mathematik und Mechanik, Vol 18, No 1, Feb 1938, pp 39-43.

USA Corps of Engr, Waterways Exper Sta Tr 38-25 4

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

Available on loan at Research Center Library

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

Estimates of the Voltage of a Perforated Disk, by H. Hengst.

GERMAN, per, Z Angew Mat[redacted] und Mekh, Vol XVIII, 1938, pp 44-48.

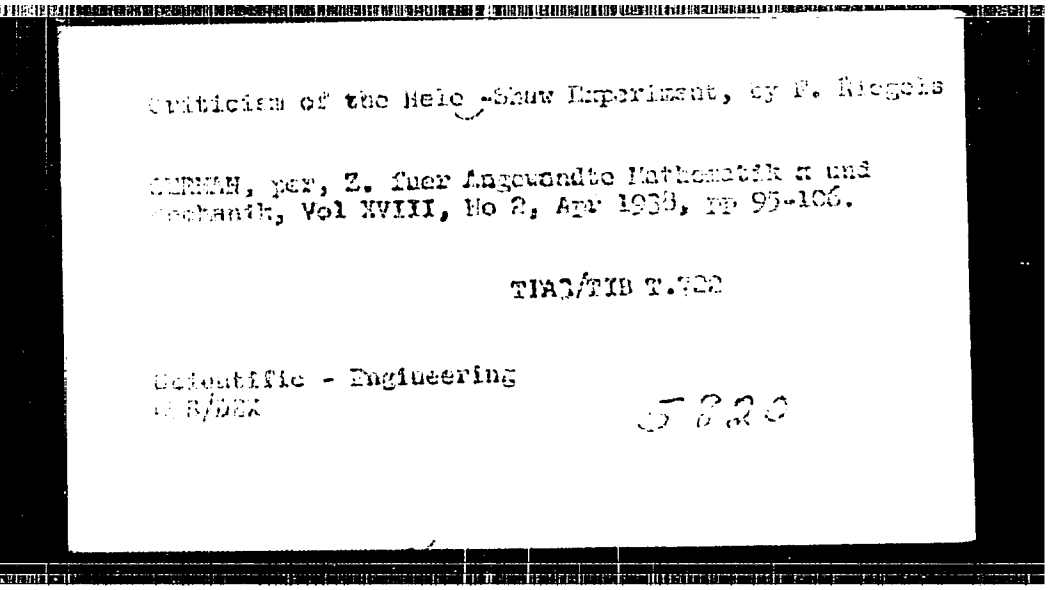
*AEC

Sci - Phys

Sep 59

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5



Criticism of the Hele-Shaw Experiment, by P. Riegels

[illegible], per, Z. fuer Angewandte Mathematik u und Mechanik, Vol XVIII, No 2, Apr 1938, pp 95-106.

TIAC/TIB T-922

Scientific - Engineering
[illegible]/bdz

5820

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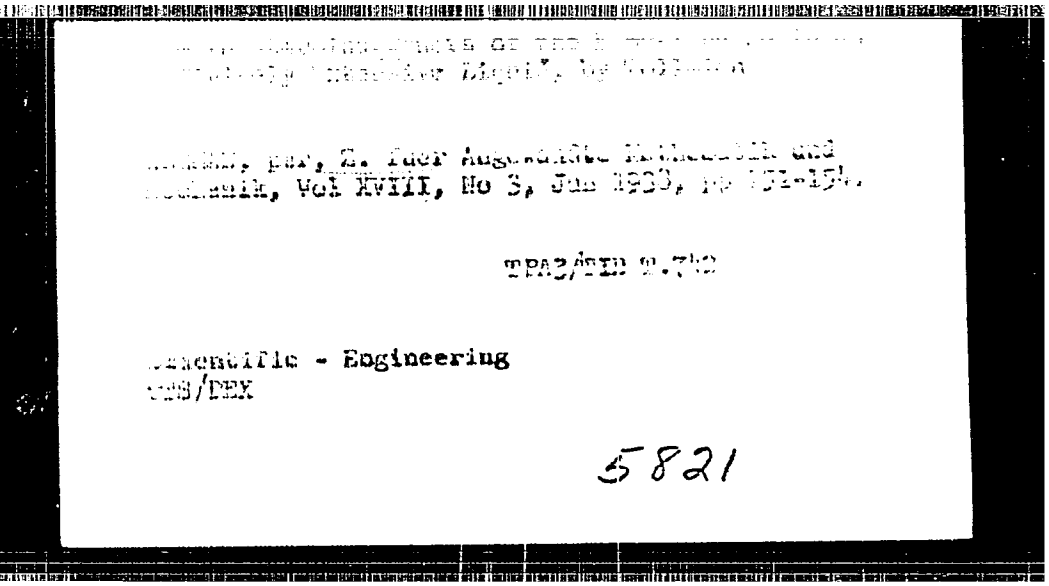

...Zeit, pub, Z. fuer Angewandte Mathematik und ...chanik, Vol XVIII, No 3, Jun 1938, pp 151-154.

...Scientific - Engineering
...ENG/DEX

5821

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250001-5

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Approximate Methods for Calculating Characteristic Values, by L. Collatz

GERMAN, per, Zeitschrift fuer Mathematik und Mechanik, Vol XIX, No 4, 5, Aug - Oct 1939, pp 224-249, 297-318.

TM3/TIB T.1029

Scientific - Mathematics CTS/DEK

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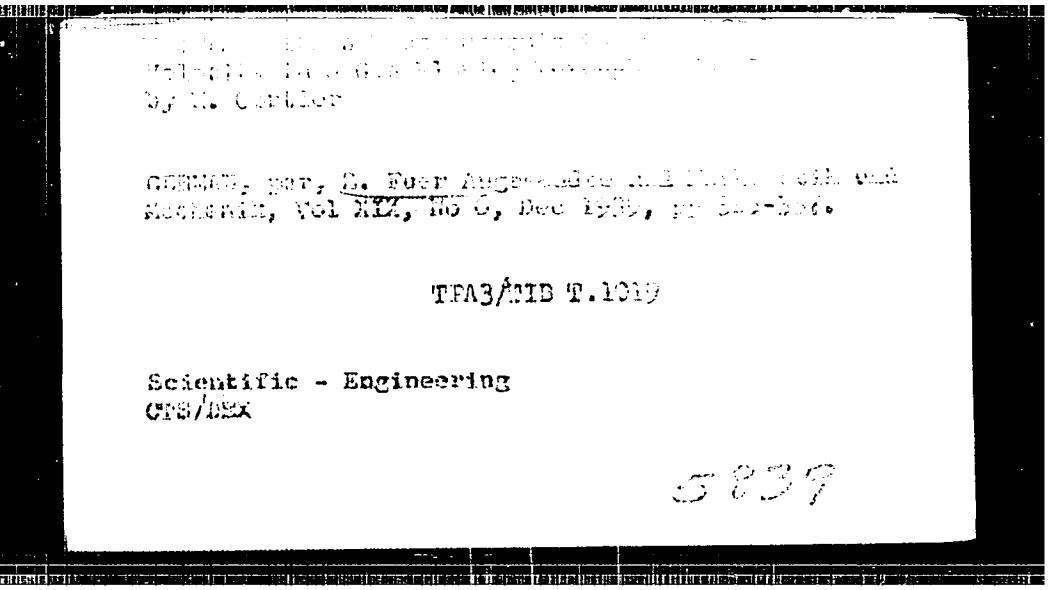

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By H. Carlson

[illegible], par, D. Fast Approximation [illegible] with Well Nonlinear, Vol XIX, No 6, Dec 1970, pp 549-560.

TFA3/MID T.1019

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Interpolation Procedure for the Calculation of Families of Trajectories and Their Change Through Variation of the Initial Ballistic Conditions, by H. Athen, 27 PP.

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SLA 57-2075

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On the Laminar Starting Flow of a Liquid Above a Rotating Bottom at Sudden Changes of the State of Rotation, by Karl Hans Thiriot, 18 pp.

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The Rotational Flow Above a Stationary Base, by U. T. Roedewadt, 25 pp.

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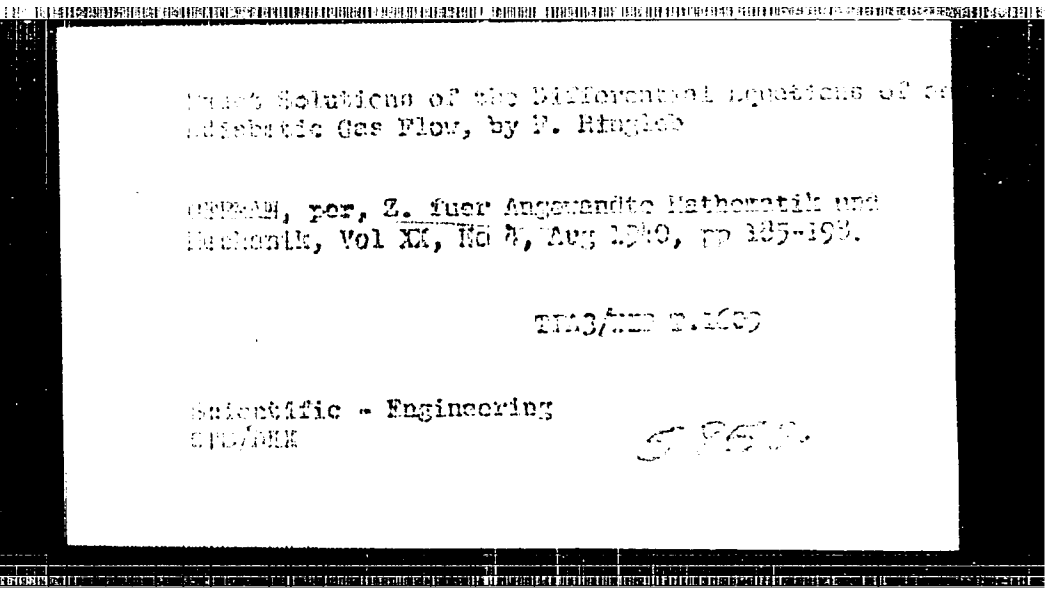

[illegible] Solutions of the Differential Equations of [illegible] Adiabatic Gas Flow, by F. Riegels

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TM3/TM 2.1609

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Heat Transfer in Turbulent Friction Layers, by
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[illegible], W. E. Knowles.

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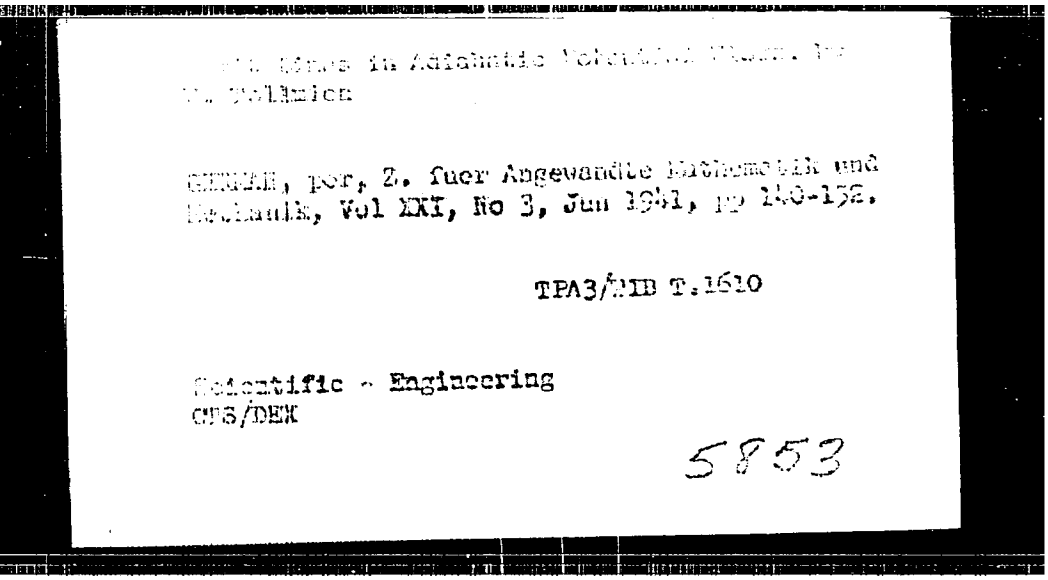

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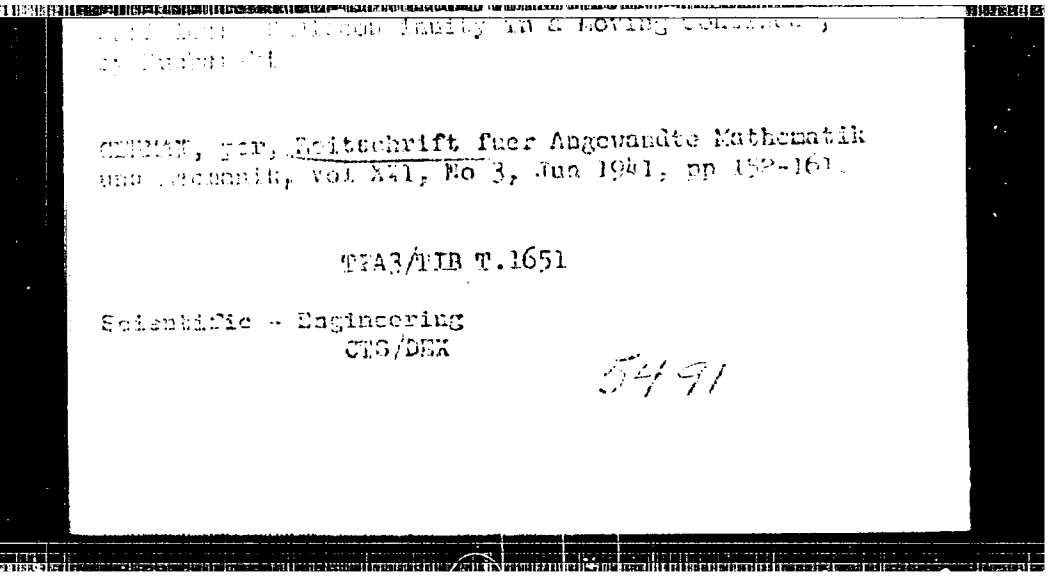

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New Examination of the Fundamental Equations of the Two-Dimensional Adiabatic Compressible Potential Flow, by H. Behrbohm, M. Finl

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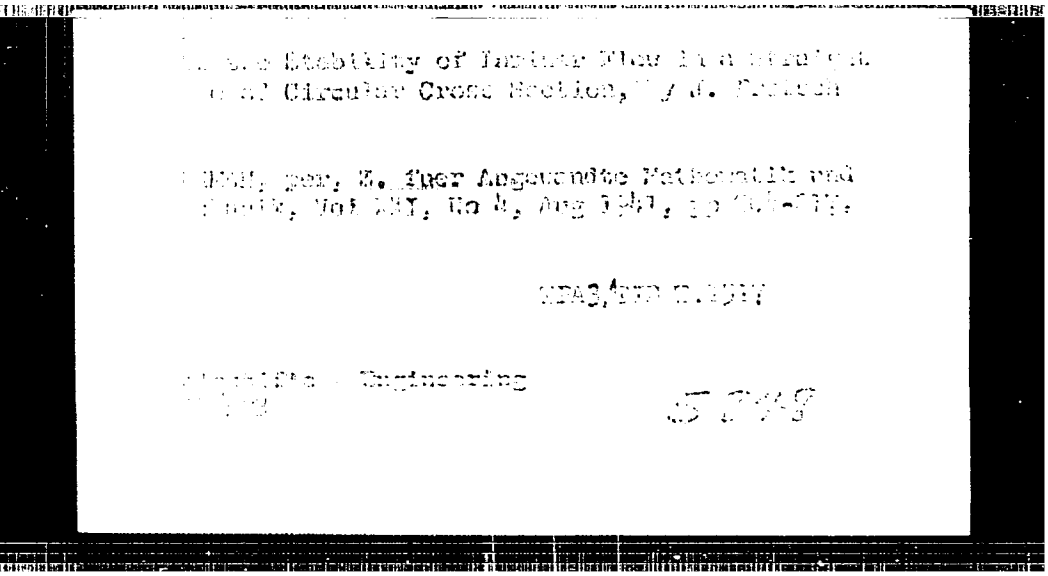

"...s Stability of Turbine Flow [illegible]
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...ssk, ser. B, Ingr Angewandte Mathematik und
...anik, Vol XXI, No 4, Aug 1941, pp [illegible].

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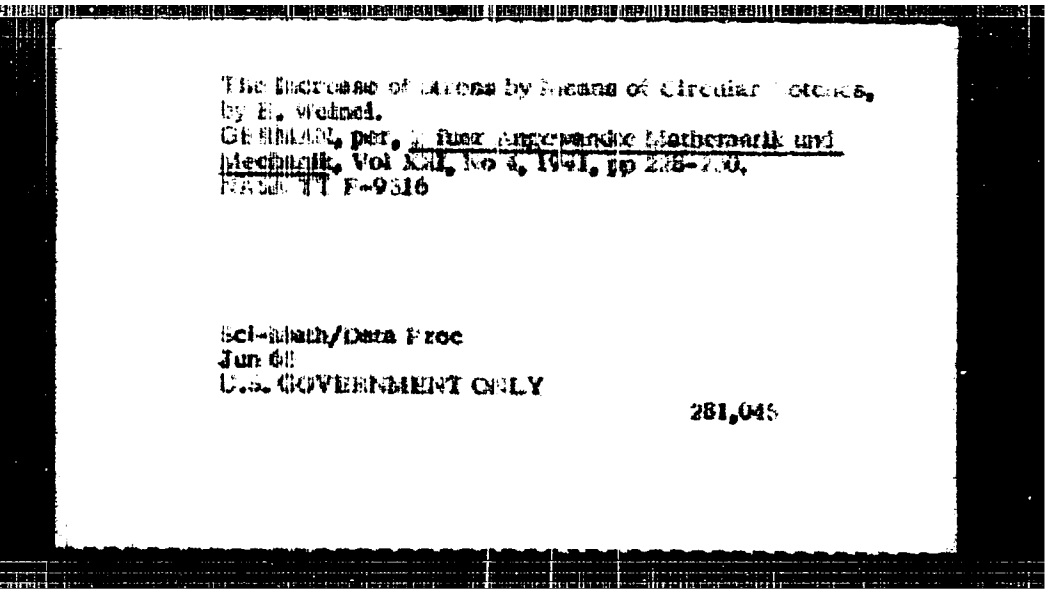

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Trans TT F-9516

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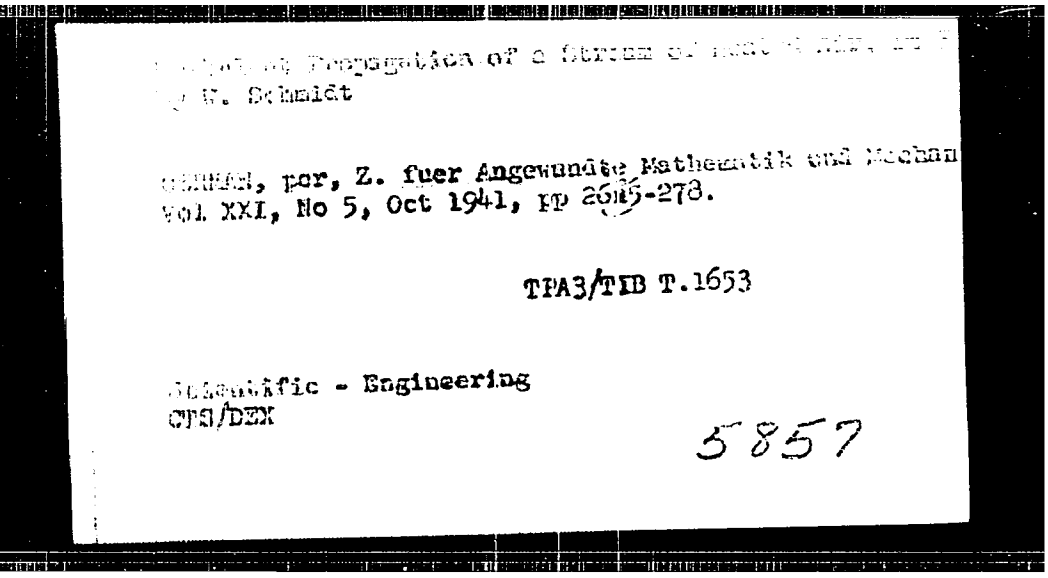

[illegible] Propagation of a [illegible]
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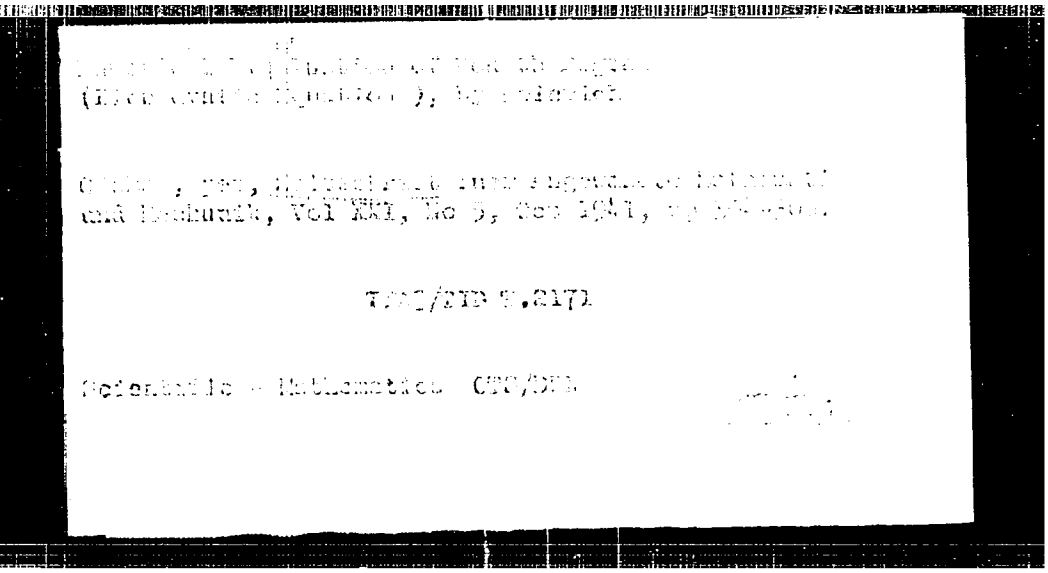

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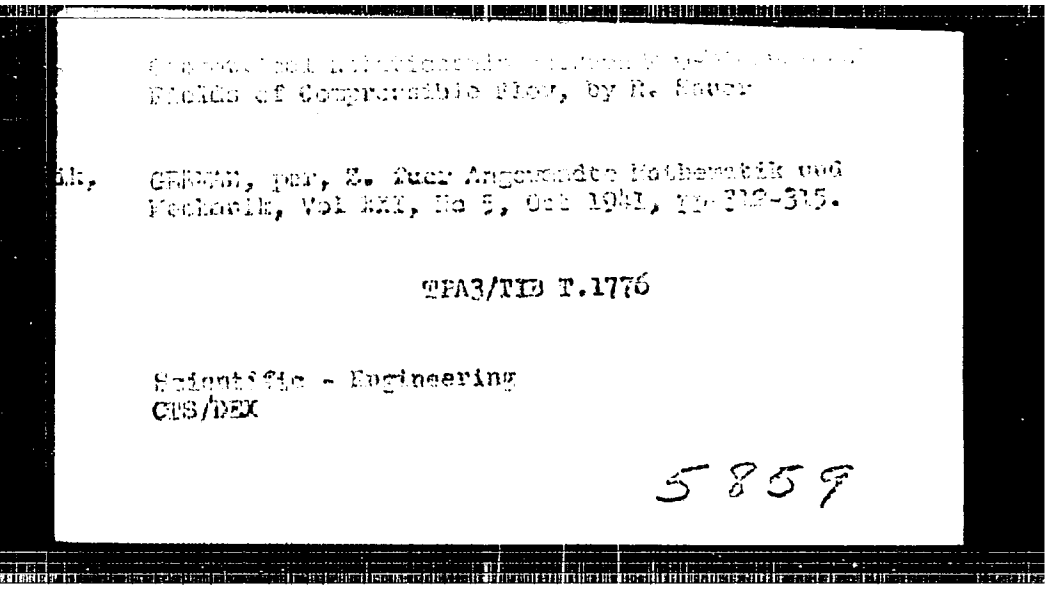

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USAF/TIC T.1776

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The Statistical Problems of Correlation as a Variation [illegible] With Laws Value Calculations, by H. Gebelein

GERMAN, per, Zeitschrift fuer Mathemstik und Mechanik, Vol XXI, No 6, Dec 1941, pp 364-379.

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Condensation Phenomena in Supersonic Nozzles, by K. Oswatitsch, 17 pp.

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AGLA 58-459

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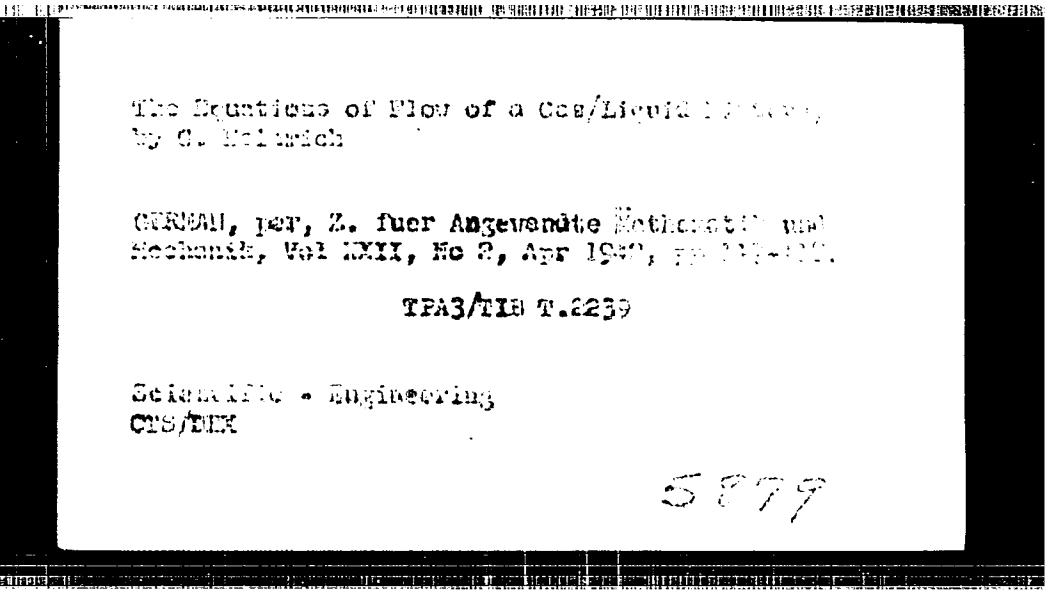

The Equations of Flow of a Gas/Liquid [illegible],
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A... Approximate Solution of the Ordinary Linear Differential Equation of the First Order, by H. Buchner

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T.1621

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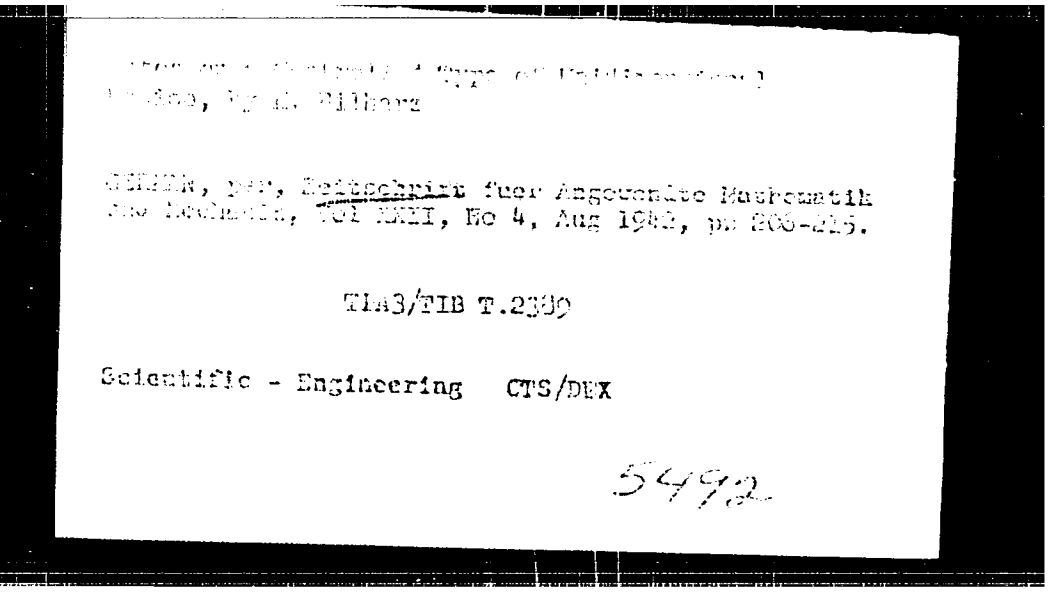

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A Method of Interval for the Numerical Integration of Systems of Linear Differential Equations, by Collatz

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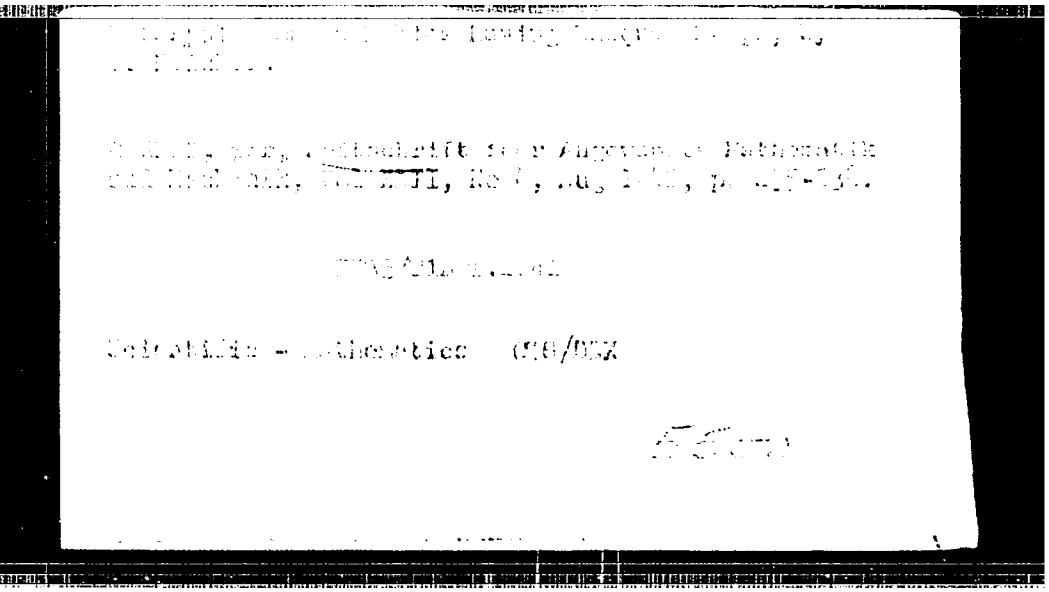

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TFA3/TIB T.2234

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Harmonic Analysis of Discrete Numerical Series, by E. N. Berger, 5 p.

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SLA 59-17717

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Feb 60
Vol 2, No 10

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Stress Peak in Perforated Metal Plates and Strips, by A. Hutter.

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The Convergence of the Newton Method for Systems of Equations, by F. Rehbock

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[redacted]rtical Interpolation, by H. Egger

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TPA3/TIB T.2514

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[redacted] Method of Characteristics Applied to Spherical and Cylindrical Waves of Frictionless Gases, by [redacted]

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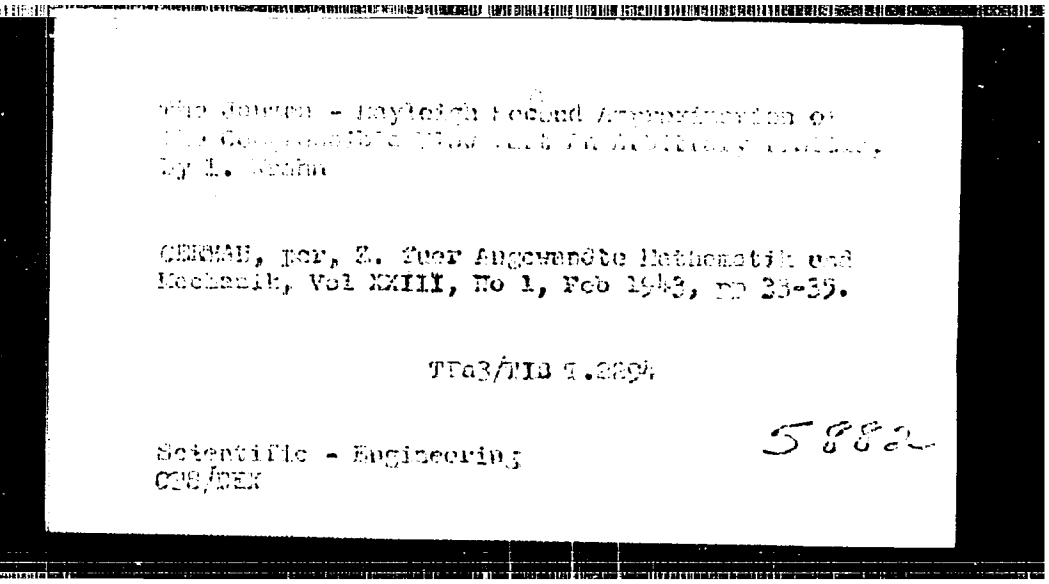

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TTa3/MIB 1.289

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[redacted] Oscillation Phenomena in Fluids With
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On the stability of elastic shells, by
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23, no 2, p 81-100, April 1943.

SLA 58-477

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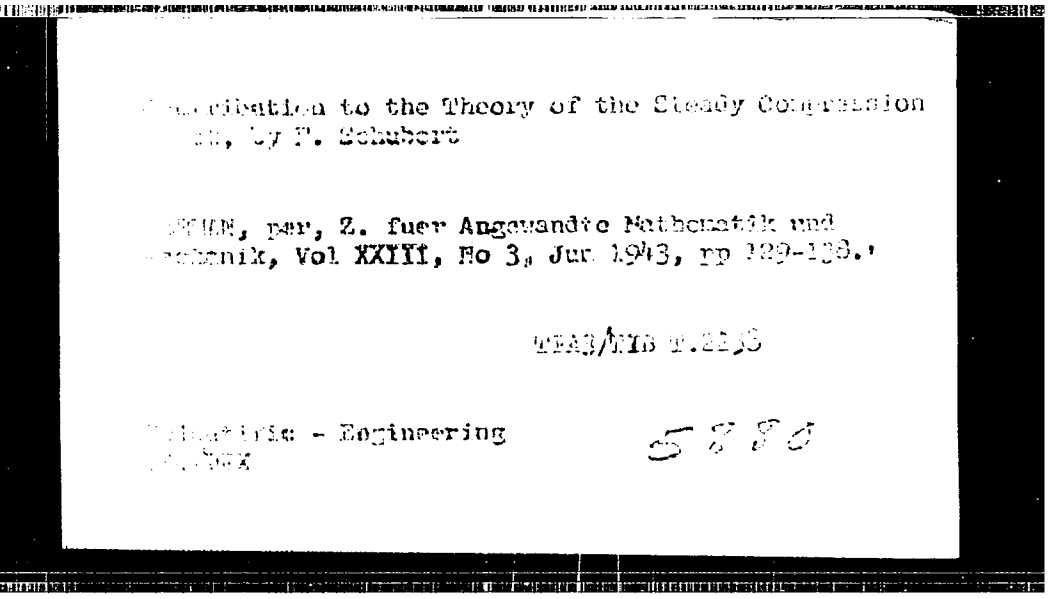

...ribution to the Theory of the Steady Compression
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TRANSLATION 2238

...ics - Engineering
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SLA 59-10290

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Impulse and Heat Exchange in Free Turbulence, by H. Reichardt, 13 pp.

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J. Pretsch.
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Connection Between Two-Dimensional and Axially Symmetrical Boundary Layers in Compressible Flow, by W. Mangler

Full translation.

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R.A.E. Farnborough Tr No 417

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External and Internal Friction Layers During Laminar Flow Disturbances, by H. Holstein.

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*FTD-TT-63-~~68~~ 865

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